



G-5's "Eye on AMC"

U.S. Army Materiel Command

Essential in Peace, Indispensable in War

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Alabama approves permit for Anniston's chemical weapons incinerator

The Alabama Department of Environmental Management has approved the permit modification for the Anniston Chemical Agent Demilitarization Facility Liquid Incinerator and Deactivation Furnace System GB Agent Trial Burn Plans. The approval of the permit modification represents ADEM's concurrence that ANCDF has met the technical and regulatory requirements to proceed with the destruction of chemical agents. The department's approval is based upon a thorough review of technical information, including data from surrogate trial burns.

Information from a ADEM press release

TARDEC summer hire program targets young technical talent

U.S. Army Tank Automotive Research, Development and Engineering Center's Engineering and Science Summer Hire Program is now in full swing and aims to attract, foster and recruit young technical talent.

Participants range from high school juniors and seniors to university freshmen and sophomores. The students are exposed to current, relevant military ground vehicle-related projects and are able to roll up their sleeves to gain practical, hands-on engineering experience. The potential projects for the students include: composite housing for unmanned ground vehicles, legged robotics, vehicle body armor testing, metal-mesh fuel tank liners, power pebbles, and transmission and air filtration testing.

"Summer hires provide TARDEC engineers and scientists with additional resources to get the job done, and the students gain practical, hands-on engineering experience. They are very technologically savvy and we can benefit from what they bring to the table. By giving them real, relevant work, this program serves as a great mechanism to attract and recruit young talent. We're bolstering our work force now, as well as laying the groundwork for our engineering and science staff of the future," said TARDEC Executive Director for Research Dr. Grace Bochenek.

Future Warrior returns with changes

NATICK, Mass. -- Nothing works on Future Warrior, and that's the way it's supposed to be. The uniform ensemble, first assembled at the U.S. Army Soldier Systems Center in 1999, was redesigned for 2003 to better depict technology decades from reality for soldiers.

While the Objective Force Warrior soldier weapon platform prepares for fielding within the decade, Future Warrior is set apart as a mostly visionary tool for researchers, said Cheryl Stewardson, the integrated protection functional area leader for the Natick Soldier Center's OFW program.

Future Warrior was reintroduced at the May 22 opening of the Institute for Soldier Nanotechnologies, a new partnership between the Army and Massachusetts Institute of Technology (MIT).

"We wanted to showcase now the concepts they're working on for the future," she said. "Seeing (concepts) on a human form helps us see how (technologies) might be used and their limitations."

During the past three years, scientists and engineers have experimented with concepts to determine their feasibility with OFW, Stewardson said. What's out of bounds for OFW ended up on Future Warrior.

Mathes takes over as TARDEC development director

Thomas M. Mathes has been promoted to senior executive service and named the Executive Director for Development, U.S. Army Tank Automotive Research, Development and Engineering Center. Mathes leads TARDEC's design and manufacturing and international research and development activities; advanced concept development, system requirements; and petroleum and water business areas.

Mathes entered government service in 1981 as a mechanical engineer with the Tank-automotive and Armaments Command. Prior to this promotion, he served as TARDEC's director of the design and manufacturing technologies.

He has long championed the benefits of 3D solid modeling. In 1996, he led a government/industry "synthetic manufacturing" team whose work resulted in a Vice President Gore "Hammer" award.

Mathes has been the chairman and the United States' principal representative to NATO's Ad Hoc Working Group on Vehicles and Vehicle Components since 1997. In 1998, he became the U.S. principal representative to NATO's subgroup on Mechanical and General Engineering. He was elected the subgroup's chairman in 2002.